

Section	Violation	Willful violation
234.249 Ground tests .....	2,500	5,000
234.251 Standby power .....	5,000	7,500
234.253 Flashing light units and lamp voltage .....	1,000	2,000
234.255 Gate arm and gate mechanism .....	1,000	2,000
234.257 Warning system operation .....	2,500	5,000
234.259 Warning time .....	1,000	2,000
234.261 Highway traffic signal pre-emption .....	1,000	2,000
234.263 Relays .....	1,000	2,000
234.265 Timing relays and timing devices .....	1,000	2,000
234.267 Insulation resistance tests, wires in trunking and cables .....	2,500	5,000
234.269 Cut-out circuits .....	1,000	2,000
234.271 Insulated rail joints, bond wires, and track connections .....	2,500	5,000
234.273 Results of tests .....	1,000	2,000
234.275 Processor-Based Systems .....	\$5,000	\$7,500

<sup>1</sup> A penalty may be assessed against an individual only for a willful violation. The Administrator reserves the right to assess a penalty of up to \$100,000 for any violation where circumstances warrant. See 49 CFR part 209, appendix A.

[61 FR 31806, June 20, 1996, as amended at 63 FR 11623, Mar. 10, 1998; 69 FR 30595, May 28, 2004; 70 FR 11094, Mar. 7, 2005; 73 FR 76704, Dec. 30, 2008]

**APPENDIX B TO PART 234—ALTERNATE METHODS OF PROTECTION UNDER 49 CFR  
234.105(c), 234.106, AND 234.107(c)**

[This is a summary—see body of text for complete requirements]

	Flagger for each direction of traffic	Police officer present	Flagger present, but not one for each direction of traffic	No flagger/no police
False Activation .....	Normal Speed .....	Normal Speed .....	Proceed with caution—maximum speed of 15 mph.	Proceed with caution—maximum speed of 15 mph.
Partial Activation* ...	Normal Speed .....	Normal Speed .....	Proceed with caution—maximum speed of 15 mph.	Proceed with caution—maximum speed of 15 mph.
Activation Failure**	Normal Speed .....	Normal Speed .....	Proceed with caution—maximum speed of 15 mph.	Stop: Crewmember flag traffic and reboard.

\*Partial activation—full warning not given.  
Non-gated crossing with one pair of lights designed to flash alternatively, one light does not work (and back-lights from other side not visible).

Gated crossing—gate arm not horizontal; or any portion of a gate arm is missing if that portion had held a gate arm flashing light.

\*\*Activation failure includes—if more than 50% of the flashing lights on any approach lane not functioning; or if an approach lane has two or more pairs of flashing lights, there is not at least one pair operating as intended.

**PART 235—INSTRUCTIONS GOVERNING APPLICATIONS FOR APPROVAL OF A DISCONTINUANCE OR MATERIAL MODIFICATION OF A SIGNAL SYSTEM OR RELIEF FROM THE REQUIREMENTS OF PART 236**

Sec.

235.1 Scope.

235.3 Application.

235.5 Changes requiring filing of application.

235.7 Changes not requiring filing of application.

235.8 Relief from the requirements of part 236 of this title.

235.9 Civil penalty.

235.10 Contents of application.

235.12 Additional required information—prints.

235.13 Filing procedure.

235.14 Notice.

235.20 Protests.

**APPENDIX A TO PART 235—SCHEDULE OF CIVIL PENALTIES**

AUTHORITY: 49 U.S.C. 20103, 20107; 28 U.S.C. 2461, note; and 49 CFR 1.49.

SOURCE: 49 FR 3380, Jan. 26, 1984, unless otherwise noted.

**§ 235.1 Scope.**

This part prescribes application for approval to discontinue or materially modify block signal systems, interlockings, traffic control systems, automatic train stop, train control, or cab signal systems, or other similar appliances, devices, methods, or systems, and provides for relief from part 236 of this title.

**§ 235.3 Application.**

(a) Except as provided in paragraph (b) of this section, this part applies to

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railroads that operate on standard gage track which is part of the general railroad system of transportation.

(b) This part does not apply to rail rapid transit operations conducted over track that is used exclusively for that purpose and that is not part of the general system of railroad transportation.

### § 235.5 Changes requiring filing of application.

(a) Except as provided in § 235.7, applications shall be filed to cover the following:

(1) The discontinuance of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system or other similar appliance or device;

(2) The decrease of the limits of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system; or

(3) The modification of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system.

(b) [Reserved]

(Approved by the Office of Management and Budget under control number 2130-0042)

### § 235.7 Changes not requiring filing of application.

(a) It is not necessary to file an application for approval of the following discontinuances:

(1) Removal of block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system from track approved for abandonment by formal proceeding;

(2) Removal of devices and associated signals used to provide protection against unusual contingencies such as landslide, burned bridge, high water, high and wide load, or tunnel protection when the unusual contingency no longer exists;

(3) Removal of an interlocking where a drawbridge has been permanently closed by the formal approval of another government agency; or

(4) Removal from service not to exceed 6 months of block signal system, interlocking, or traffic control system necessitated by catastrophic occurrence such as derailment, flood, fire, or hurricane; or

(5) Removal of an intermittent automatic train stop system in conjunction with the implementation of a positive train control system approved by FRA under subpart I of part 236 of this chapter.

(b) When the resultant arrangement will comply with part 236 of this title, it is not necessary to file for approval to decrease the limits of a system as follows:

(1) Decrease of the limits of an interlocking when interlocked switches, derrails, or movable-point frogs are not involved;

(2) Removal of electric or mechanical lock, or signal used in lieu thereof, from hand-operated switch in automatic block signal or traffic control territory where train speed over the switch does not exceed 20 miles per hour; or

(3) Removal of electric or mechanical lock, or signal used in lieu thereof, from hand-operated switch in automatic block signal or traffic control territory where trains are not permitted to clear the main track at such switch.

(c) When the resultant arrangement will comply with part 236 of this title, it is not necessary to file an application for approval of the following modifications:

(1) A modification that is required to comply with an order of the Federal Railroad Administration or any section of part 236 of this title;

(2) The installation of an automatic block signal or a traffic control system to replace manual block or non-signalized territory;

(3) The installation of a traffic control system to replace a roadway automatic block signal system (discontinuance of an automatic train stop, train control, or cab signal system is not permitted without FRA approval);

(4) The installation of an automatic train stop, train control, or cab signal system in an existing automatic block or traffic control system;

(5) The installation of a continuous inductive automatic train stop system to replace an existing intermittent inductive automatic train stop system;

(6) The installation of a continuous inductive automatic train stop system